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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/045,958	10/24/2001	Jion-lou Hong	3158/0J954	4878
7590 02/11/2004				
DARBY & DARBY P.C. 805 Third Avenue New York, NY 10022		EXAMINER ANYASO, UCHENDU O		
		ART UNIT PAPER NUMBER		
		2675		

DATE MAILED: 02/11/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/045,958

Applicant(s)

HONG, JION-IOU

Examiner

Uchendu O Anyaso

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 October 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

1. **Claims 1-6** are pending in this action.

Claim Rejections - 35 USC ' 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. **Claims 1-3, and 6** are rejected under 35 U.S.C. 102(b) as being anticipated by *Harshbarger et al* (U.S. Patent 4,670,782).

Regarding **independent claims 1 and 6**, Harshbarger teaches an invention that provides a video pattern generator comprising a keyboard means for individually entering data values representing the incremental pulse width and timing parameters for all the scan rate pulses comprising a raster scan structure wherein a sync generator means is provided coupled to the keyboard means for generating a time based scan rate composed of pulse elements having the selected pulse widths and timing values (column 5, lines 34-42).

Furthermore, Harshbarger teaches a synchronization activator generating a first signal by teaching sync generator 42 (figure 1 at 42).

Also, Harshbarger teaches a pattern selector generating a second signal identifying one of the patterns by teaching pattern select switch and pattern generator 43 (figure 1 at 24, 43).

Furthermore, Harshbarger teaches a controller by means of CPU 32 that is connected to signal generators 38, 40 and simultaneously activating these horizontal and vertical signal

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generators that drive the system to display the patterns identified by pattern select switch 24 (see column 8, lines 56 through column 9, lines 1-20, figures 1A, 1B).

Regarding **claims 2 and 3**, in further discussion of claim 1, Harshbarger teaches how the microprocessor 48 and keypad 16 are BCD devices (figure 1, 5 at 16, 48).

Claim Rejections - 35 USC ' 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. **Claims 4 and 5** are rejected under 35 U.S.C. 103(a) as being unpatentable over *Harshbarger et al* (U.S. Patent 4,670,782) in view of *Estes* (U.S. Patent 4,093,960).

Regarding **claims 4 and 5**, in further discussion of claim 1, Harshbarger does not teach power in the display system. However, Estes teaches a test signal generating system comprising a power switch 31 that is utilized to control the application of power to the system (figure 1, 15-20 at 31, column 17, lines 24-28).

Thus, it is would have been obvious to a person of ordinary skill in the art as to combine Harshbarger and Estes because while Harshbarger teaches a synchronization activator generating a first signal by teaching sync generator 42 (figure 1 at 42) and a pattern selector generating a second signal identifying one of the patterns by teaching pattern select switch and pattern generator 43 (figure 1 at 24, 43), Estes teaches a test signal generating system

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comprising a power switch 31 that is utilized to control the application of power to the system (figure 1, 15-20 at 31, column 17, lines 24-28). The motivation for doing so would have been to supply the needed potential to the system that would enable the operation of the system.

Response to Arguments

6. Applicant's arguments with respect to claims 1-6 have been considered but are moot in view of the new ground(s) of rejection.

In response to all of applicant's arguments, please see rejection above.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Patent 5,872,592 to *Manea et al* for test signals and test signal generators.

JP Patent 405328409 to *Maeda* for a television camera adjustment system.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Uchendu O. Anyaso whose telephone number is (703) 306-5934. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steve Saras, can be reached at (703) 305-9720.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

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Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

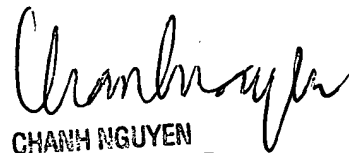
Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.



Uchendu O. Anyaso

01/24/2004



CHANH NGUYEN
PRIMARY EXAMINER